

***SUPPORT SYSTEM  
TRANSIT  
FACILITIES***

***TRANSIT FACILITIES*****PROJECT DESCRIPTION:**

**Claymont Security Structure:** Provide a replacement structure for the security guard at the Claymont Rail Station, Myrtle and Marion Avenues, Claymont. The present guard shack was installed in 1990 and has developed serious leaks. The building structure of is showing signs of decay and repair costs will exceed replacement cost.

**Dover Operations Center, Replace Lift:** The manufacturer of the Four (Ford-Smith) 2 post in ground lifts in the Dover Maintenance Facility is out of business and parts are no longer available. A replacement is needed, as the current lifts cannot remain operational without parts and service

**Dover Operations Center, Generator Upgrades:** Replace the emergency transfer switch and modify the electrical system to increase the amount of equipment maintained by the generator during power failure.

**Facilities Maintenance:** This funding includes a major replacement of carport and painting of the Dover Administration / Operations and update the floor treatment and repainting of the Monroe Street Operations Center.

**Monroe Street Operations Center Bus Wash and Vacuum System:** The bus wash has exceeded it life expectancy and is in need of replacement. Current mechanical breakdowns and maintenance costs coupled with newer technologies make it economically justifiable to replace the current wash system at this time. It should be noted that this was system is used on a daily basis as part of our maintenance program for all transit coaches in the Wilmington area.

**Monroe Street Operations Center, Boiler Replacement:** The current boilers are over 25-years old and are in need of replacement. The second of the two boilers will be replaced in FY 2007 with the first in FY 2005.

**Monroe Street Operations Center, Concrete Replacement:** The existing concrete is over 15 years old and is deteriorating. The replacement includes the south and west parking areas and the south aprons adjacent to the bays. The North apron concrete will be replaced in FY 2005, as part of the Monroe Lift replacement.

**Monroe Street Operations Center, Lighting Upgrade:** Due to security reasons, it is necessary to increase and/or replace the current lighting systems. This will improve employee safety, vehicle security and camera clarity for nighttime recording.

**Monroe Street Operations Center, Sand Filter Installation:** The Environmental Protection Agency (EPA) is requiring sand filters for storm water systems for maintenance facilities. The installation will coincide with the concrete replacement.

**Rehoboth Beach Park and Ride Upgrades:** This will include the repaving of the park and ride lot (\$210) and install one larger shelter (\$65) to replace the smaller individual shelters.

***TRANSIT FACILITIES (CONTINUED)***

**Statewide Facilities- General:** DTC's Condition and Life Cycle document has established life expectancy of structures and equipment. Some items can be easily identified and request for future funding submitted. There are other capital equipment needs that arise due to failure earlier than estimated and or accidental damage or vandalism. The general request is structured to provide capital improvement funding to cover these types of requirements. Some examples are: Roofing, HVAC equipment, boilers, transformers, switchgear and bus lifts.

**Statewide Facilities, Fuel Management and Storage Tanks:** Upgrades are needed to comply with EPA requirements and aging equipment. These include upgrades to Fleetwatch and Gasboy monitoring systems.

**Statewide Facilities Perimeter Fencing:** This request was programmed into the Capital Transportation Program to repair, repaint and replace perimeter fencing at all DTC fenced lots. All bus lots and most employee lots are fenced to increase security and protect property. Included the FY 2005 year's request is funding to replace / install gates at the bus lots in Wilmington.

**PROJECT JUSTIFICATION:** This project will provide assistance in the preservation of all transit facilities.

<b>County:</b>	Statewide
<b>Municipality:</b>	
<b>Funding Program:</b>	Support System – Transit Facilities
<b>Functional Category:</b>	Preservation
<b>Representative District:</b>	Statewide
<b>Senatorial District:</b>	Statewide

**TRANSIT FACILITIES (CONTINUED)**

**PROJECT FUNDING INFORMATION**

Project	Funding Type	Original Estimate	Current Estimate	Authorization	Committed as of 12/31/04	Expended as of 12/31/04	Committed Unexpended as of 12/31/04	Authorization Available
Transit Facilities		\$ 4,610.7						
Prior Years	State			\$ 1,000.0	\$ 459.7	\$ 0.0	\$ 459.7	\$ 540.3
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2005	State		\$ 4,610.7	\$ 1,005.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 1,545.3
	Federal			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Other			\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
FY 2006 Request	State			\$ 860.7				\$ 2,406.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2007 Projected	State			\$ 1,295.0				\$ 3,701.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2008 Projected	State			\$ 200.0				\$ 3,901.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
FY 2009-2011 Projected	State			\$ 250.0				\$ 4,151.0
	Federal			\$ 0.0				\$ 0.0
	Other			\$ 0.0				\$ 0.0
Total Projected	State			\$ 4,610.7	\$ 459.7			\$ 4,151.0
	Federal			\$ 0.0	\$ 0.0			\$ 0.0
	Other			\$ 0.0	\$ 0.0			\$ 0.0
Total All Funds		\$ 4,610.7	\$ 4,610.7	\$ 4,610.7	\$ 459.7	\$ 0.0	\$ 459.7	\$ 4,151.0

**TRANSIT FACILITIES (CONTINUED)****PROJECT TIMELINE INFORMATION**

Project #	Description	Phase	Funding Schedule	Current Estimate	Prior Years	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009 -2011
	<b>Transit Facilities</b>									
	<b>Statewide Preservation</b>									
	Claymont Station Guard Booth	PE, RW, C	100% ST	\$ 40.0	\$ 0.0	\$ 40.0	\$ 0.0	\$ 0.0	\$ 0.0	\$ 0.0
	Dover Operations Center, Replace Lift	PE, RW, C	100% ST	500.0	0.0	0.0	0.0	500.0	0.0	0.0
	Dover Operations Center, Generator Upgrades	PE, RW, C	100% ST	75.0	0.0	0.0	75.0	0.0	0.0	0.0
	Facilities Maintenance	PE, RW, C	100% ST	60.7	0.0	0.0	60.7	0.0	0.0	0.0
	<b>Monroe Street Operations Center</b>									
24-504-05	Bus Wash and Vacuum System	PE, RW, C	100% ST	400.0	0.0	400.0	0.0	0.0	0.0	0.0
	Energy Management System	PE, RW, C	100% ST	300.0	0.0	0.0	50.0	0.0	0.0	250.0
	Install Sand Filter	PE, RW, C	100% ST	55.0	0.0	0.0	0.0	55.0	0.0	0.0
	Replace Boiler	PE, RW, C	100% ST	75.0	0.0	0.0	0.0	75.0	0.0	0.0
	Replace Concrete	PE, RW, C	100% ST	465.0	0.0	0.0	0.0	465.0	0.0	0.0
	Upgrade Lighting	PE, RW, C	100% ST	400.0	0.0	0.0	200.0	200.0	0.0	0.0
	Rehoboth Park and Ride Upgrades	PE, RW, C	100% ST	275.0	0.0	0.0	275.0	0.0	0.0	0.0
	Statewide Facilities	PE, RW, C	100% ST	1,315.0	1,000.0	315.0	0.0	0.0	0.0	0.0
	Statewide Leak Detection, Fuel Management Systems and Storage Tanks	PE, RW, C	100% ST	400.0	0.0	0.0	200.0	0.0	200.0	0.0
	Statewide Perimeter Fencing Upgrade	PE, RW, C	100% ST	250.0	0.0	250.0	0.0	0.0	0.0	0.0
	Total All Funds			\$ 4,610.7	\$ 1,000.0	\$ 1,005.0	\$ 860.7	\$ 1,295.0	\$ 200.0	\$ 250.0